Distributive Property of Multiplication over Addition and Subtraction Problems

1. Sam bought 20 pens, and then added 5. If each pen costs $3, what is the total cost?

2. Ron bought 15 books, and then returned 8. If each pen costs $5, what is the total cost?

3. There are 15 students in a class. If 10 students joined the class from a field trip, each student gives 3 dollars per head. how much money will be collected?

4. Mark earns $16 per hour. If he gave $3 for tax per hours for 6 hour, how much did he earn?

5. A bookstore has 55 romance novels. If the bookstore has 23 more books as mystery and If all the novels cost $6, how much money will be earned by selling all the novels?

6. A construction worker earns $18 per hour. After giving $3 per hour for taxes, how much did he earn in 8 hours?

7. Jason has 28 trading cards. If he adds 5 from his friend, how many trading cards does he have now? If every card holds 10 stars then how many stars Jason have now?

8. There are 35 students in a class. If 10 students went to a field trip, and remaining students give 5 dollars per head. how much money will be collected?

9. A bakery has 48 chocolate & blueberry muffins. Among them, 18 are blueberry muffins, how many chocolate muffins are there together? If every chocolate muffin sells in $3, how much money bakery will earn by selling chocolate muffins?

10. There are 22 children in a party. If 11 more children are joining with them, how many children are there? If each child has 15 chocolates, how many chocolates they have in total?